

AVERAKHOV, F.I., inzh.; DAVIDSON, V.Ye., dotsent; ZHOLOB, V.M., inzh.;
KOVAL'CHUK, V.R., inzh.; STASEV, A.A., inzh.; STASENKO, D.N., inzh.

Crushing of iron ore by normal impact against a metal barrier.

Izv. vys. ucheb. zav.; gor. zhur. 8 no.1:142-145 '65.

(MIRA 18:3)

1. Dnepropetrovskiy gosudarstvennyy universitet. Rekomendovana
kafedroy aeromehaniki i teorii uprugosti.

SOV/125-58-12-12/13

AUTHORS: Trufyakov, V.I., Sidorenko, M.N., Sakharnov, V.A. and Koval'chuk, T.S.

TITLE: An Electromagnetic Vibration Machine for Endurance Tests of Weld Joints (Elektromagnitnaya vibratsionnaya mashina dlya ispytaniya svarnykh soyedineniy na vynoslivost')

PERIODICAL: Avtomaticheskaya svarka, 1958, Nr 12, pp 84-90 (USSR)

ABSTRACT: Information is given on an electromagnetic vibration machine designed at the Institute of Electric Welding. It is used for bending tests of flat cantilever specimens of 100 cm^2 cross section, with a moment of inertia of up to 170 cm^4 and any given sequence of stress up to 44 c frequency. The oscillations of the cantilever specimen are caused and maintained by the varying force of electromagnetic attraction, arising during the passage of the magnetic flux through the specimen. There is an a.c. feed to the electromagnet, and the oscillation amplitude of the specimen is selected by changing the magnitude of the current. An additional electromagnet is switched on for tests with an asymmetric cycle in order to induce a constant component of stress in the specimen. The selection of the prescribed stress is brought

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An Electromagnetic Vibration Machine for Endurance Tests of Weld Joints
about by the use of electric resistance indicators fixed on
the specimens. A detailed description of the design and
operation of the machine is given.
There are 3 diagrams, 1 circuit diagram, 1 photo and 3
Soviet references.

ASSOCIATION: Institut elektrosvarki imeni Ye.O. Patona (Institute of
Electric Welding imeni Ye.O. Paton)

SUBMITTED: September 5, 1958

Card 2/2

KOVAL'CHUK, Viktor Semenovich. Prinimal uchastiye KITAYEVICH, B.Ye., prepodavatel'; BRODIN, N.I., kand. tekhn. nauk, dotsent, retsen-zent; REVUT, D.B., inzh., retsenzent; CHERKANOV, V.V., inzh., retsenzent; TRUBAKOV, A.A., inzh., spets. red.; FRISHMAN, Z.S., red. izd-va; KOTLYAKOVA, O.I., tekhn. red.

[Fundamentals of radio engineering] Osnovy radiotekhniki. Lenin-grad, Izd-vo "Morskoi transport," 1961. 279 p. (MIRA 14:10)
(Radio) (Radio in navigation)

KOVAL'CHUK, Viktor Semenovich; KAUFMAN, A.L., inzh., red.; LYAM, L.M.,
red.; TIEHONOVÁ, Ye.A., tekhn. red.

[Principles of radio engineering; a brief abstract of lectures]
Osnovy radiotekhniki; kratkii konspekt lektsii. Moskva, Izd-vo
"Morskoi transport," 1961. 147 p. (MIRA 14:11)
(radio)

KONOVALOV, Vasiliy Vasil'yevich; KUZNETSOVA, Lyudmila Ivanovna;
KOVAL'CHUK, L.I., prepodavatel', retsenzent; POKROVSKIY,
D.V., prepodavatel', retsenzent; KHACHATUROV, V.V., red.;
USANOVA, N.B., tekhn. red.

[Radio navigation equipment on ships] Sudovye radionavigatsion-
nye ustroistva. Moskva, Izd-vo "Morskoi transport," 1962. 374 p.
(MIRA 16:2)

(Radio in navigation) (Radar in navigation)

KOVAL'CHUK, Viktor Semenovich; KHOKHLACHEV, G.N., red.

[Marine radiotelephonic communication and apparatus]
Morskaia radiotelefonaia sviaz' i apparatura. Mo-
skva, Transport, 1963. 137 p. (MIRA 18:9)

ACC NR: AM6011526

Monograph

UR/

Koval'chuk, Viktor Semenovich

Marine radio telephone communication and apparatus (Morskaya radio-telefonnaya svyazi i. apparatura) Moscow, Izd-vo "Transport", 1965. 137 p. illus., biblio. 9 diagrs. (in pocket), tables. Textbook for specialists at naval institutes of the Ministry of the Merchant Marine. 8000 copies printed.

TOPIC TAGS: radio telephone, radio telephone operating, radio communication system, radio operation procedure, maritime radio, broadcasting station

PURPOSE AND COVERAGE: This textbook has been approved by the Educational Institution Administration of the Ministry of the Merchant Marine Fleet for use by students of navigation and radio-engineering specialties in marine schools. It may also be used by ship specialists and others attending refresher courses on new developments in the field of marine equipment. Principles of marine radio-telephone communications, the regulation of radio-telephone traffic between Soviet and foreign radio stations, and the organization of the marine safety service are discussed, and the signals of special importance in marine radio communications are listed along with the procedures

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UDC 621.396.932;621.396.6

ACC NR: AM6011526

for accomplishing radio-telephone transmissions. Basic circuit diagrams and designs for marine radio-telephone stations are described as well as the problems of operating and maintaining the equipment. The participation of the following persons is acknowledged: B. Ye. Kitayevitch, A. G. Volkov and V. A. Pisarev. There are 9 references: 5 Soviet and 4 Non-Soviet.

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SUB CODE: 09/ SUBM DATE: 22Jul65/ ORIG REF: 005/ OTH REF: 004

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(N)

Monograph

UR/

Koval'chuk, Viktor Semenovich

Maritime radio electronics (Sudovaya radioelektronika) Moscow, Izd-vo "Transport," 1966. 343 p. illus., biblio. Errata slip inserted. 6000 copies printed.

TOPIC TAGS: marine radio, marine equipment, radiotelephone, electronics

PURPOSE AND COVERAGE: This book has been approved by the Ministry of Merchant Marine, Department of Education USSR, as a textbook on navigation in schools of the Merchant Marine. The book was written according to the curriculum "Fundamentals of radio engineering and electronics" and it includes the problems of vacuum and solid-state techniques, and radio transmitting and receiving equipment. In contradistinction to the textbook published in 1961 ("Fundamentals of radio engineering"), this book contains extensive materials on ship radiotelephone equipment and the regulation of radio telephone traffic. The textbook is considerably revised in accordance with new curriculum. Recent developments in the field of ship radio and electronics are reflected in this work.

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AVAILABLE: Library of Congress

SUB CODE: 09,13/SUBM DATE: 15Mar66/ ORIG REF: 009
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KOVAL'CHUK, V.S.

Fractoconformities on Sakhalin and methods of studying them.
Trudy VNIGRI no.181:121-131 '61. (MIRA 15:2)
(Sakhalin—Faults (Geology))

GAL'TSEV-BEZYUK, S.D.; KOVAL'CHUK, V.S.

Present-day structural plan of the Tertiary sediments of the
northeastern shore of Sakhalin and some problems of its formation.
Trudy VNIGRI no.181:132-139 '61. (MIRA 15:2)
(Sakhalin --Geology, Structural--Maps)

KOVAL'CHUK, V.S.

Clastic dikes of the Schmidt Peninsula (northern Sakhalin).
Trudy VNIGRI no. 181:176-179 '61. (MIRA 15:2)
(Schmidt Peninsula—Dikes(Geology))

KOVAL'CHUK, V.S.

Faulting in the northeastern part of Sakhalin. Trudy VNIGRI
no.186:381-394 '61. (MIRA 15:3)
(Sakhalin--Faults (Geology))

KOVAL'CHUK, V.S.

Effect of the paleostructural plan on the formation and distribution
of gas and oil pools in northern Sakhalin. Trudy VNIGRI no.224:91-101
'63. (MIRA 17:2)

ALEKSEYCHIK, S.N.; GAL'KSEV-BEZYUK, S.D.; KOVAL'CHUK, V.S.; SYCHEV, P.M.; NEVEL'SHTEYN, V.I., vedushchiy red.; KOZYREV, V.D., red.; YASH-CHURZINSKAYA, A.B., tekhn.red.

[The tectonics, history of geological development, and prospects for finding oil and gas in Sakhalin.] Tektonika, istoriya geologicheskogo razvitiia i perspektivy neftegazonosnosti Sakhalina. Leningrad, Gosoptekhizdat, 1963. 274 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.217). (MIRA 17:2)

S/131/62/004/002/031/051
B101/B102

AUTHORS: Kuz'menko, N. P., Ontrovskiy, L. F., and Koval'chuk, V. S.

TOPIC: Mobility of Sb, Fe, and Co in solid copper

PERIODICAL: Fizika tverdogo tela, v. 4, no. 2, 1962, 490 - 493

TEXT: A 0.5 - 1.0 μ thick film of Sb¹²⁴, Co⁶⁰, or Fe⁵⁹ was electrodeposited onto the end faces of cylindrical copper specimens of 3 - 3.5 mm diameter and 15 - 20 mm length. The specimens were connected to the electrodes of a vacuum device and subjected to current densities of 150 - 250 a/mm^2 at elevated temperatures. Subsequently, layers were mechanically separated parallel to the contact areas, and the activity was measured in a 6-2 device with a gamma counter. The integral activity N was plotted versus the depth x of the layer under examination, wherefrom the velocity v of ion motion and the diffusion coefficient D were calculated. The absorption of radiation by the substance was taken into account when calculating v and D for Sb in Cu: $i(x) = \mu N + \partial N / \partial x$, where $i(x)$ is the true specific activity at the depth x, and μ is the experimentally determined linear absorption coefficient. $\partial N / \partial x$ was found by graphical

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Mobility of Sb, Fe, and Co...

S/181/62/004/002/031/051

B101/B102

differentiation. The relation $D_{Sb} = 1/4t \tan\psi$ was derived from $\ln = f(x^2)$. ψ denotes the slope of the straight line. v and D were used to calculate $F/eE = v k T_a / Deiq$, where F is the force determining the ion mobility in the lattice; eE is the effect of the electric field E on a singly charged ion; i is the current density; q is the resistivity; $\alpha = 0.78$. The scattering cross section σ^* for the activated ion was calculated from $-F/eE = q - \bar{q}\sigma^*/\bar{\sigma}$, where q is the charge of the diffusion ion, \bar{q} is the average charge of a lattice ion; $\bar{\sigma} = e^2 \bar{q}\bar{q}/(2m\bar{f})^2$, where $\bar{\sigma}$ is the average scattering cross section, m is the electron mass, and \bar{f} is the Fermi energy (for $Cu\bar{f} = 7$ ev). In addition, the effective charge q^* of the activated ion was calculated from $\sigma^* = (\pi q^* e^4 / 2\bar{f}^2) [\ln(1+1/y) - 1/(1+y)]$. Results: (1) All the three metals move toward the anode; (2) the ions in the lattice migrate due to an electron wind which is 30 times stronger than the field effect on a singly charged ion; (3) $\sigma_{Co}^* = 4.8 \cdot 10^{-16} \text{ cm}^2$ (average value for $1155 - 1218^\circ\text{K}$); $q_{Co}^* = 1.20$ electrostatic units; $\sigma_{Fe}^* = 6.7 \cdot 10^{-16} \text{ cm}^2$ ($130^\circ - 1323^\circ\text{K}$); $q_{Fe}^* = 1.4$; $\sigma_{Sb}^* = 5.6 \cdot 10^{-16} \text{ cm}^2$ ($1093 - 1143^\circ\text{K}$); $q_{Sb}^* = 1.35$. According to previous papers (Ukr. fiz. Card 2/3)

Mobility of Sb, Fe, and Co...

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zhurn. 5, 720, 1960; ibid., 5, 116, 1961), q has the following values for non-activated ions: $q_{Co} = 2.8$; $q_{Fe} = 3.12$; $q_{Sb} = 2.6$. The smaller charge of the activated ions is possibly due to varying electron structures. There are 2 figures, 1 table, and 14 references: 13 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: K. Compaan, Y. Haven, Trans. Faraday Soc., 52, 786, 1956.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko
(Kiyev State University imeni T. G. Shevchenko)

SUBMITTED: September 25, 1961

Card 5/3

S/185/62/007/012/015/021
D234/D308

AUTHORS: Kuz'menko, P.P. and Koval'chuk, V.S.

TITLE: The electric transfer of Sb in Al

PERIODICAL: Ukrayins'kyy fizichnyy zhurnal, v. 7,
no. 12, 1962, 1350 - 1354

TEXT: The authors studied the transfer of Sb¹²⁴ in cylindrical specimens of 99.9 % pure Al in the presence of constant current (thin layers of Sb were formed electrolytically on both ends of a specimen for this purpose). Sb was transferred towards the anode in all cases. The results are tabulated together with the transfer velocity, boundary diffusion coefficient and effective charge determined for each case. The effective charge was much smaller than the valency of Sb, which leads to the conclusion that Sb atoms move along the grain boundaries in neutral state. There are 3 figures and 1 table.

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S/185/62/007/012/015/021

The electric transfer of Sb in Al D234/D308

ASSOCIATION: Kyyivs'kyy derzhuniversytet im. T.H.
Shevchenka (Kiev State University im.
T. H. Shevchenko)

SUBMITTED: May 4, 1962

Card 2/2

S/126/62/013/003/011/023
E021/E180

AUTHORS: Kuz'menko, P.P., Ostrovskiy, L.F., and
Koval'chuk, V.S.

TITLE: Mobility of small tin additions in copper and silver

PERIODICAL: Fizika metallov i metallovedeniye, v.13, no.3, 1962,
406-410

TEXT: The absolute transfer of tin in copper and silver during the passage of a direct current was studied by a method described previously (Ref.2: P.P. Kuz'menko, L.F. Ostrovskiy, Ukr.fiz.zhurnal, no.6, 1961, 525). A thin layer of radioactive tin was deposited electrolytically on one end of two similar samples (2.5-3.5 mm diameter and 15-20 mm length). The active surfaces were placed in contact and connected to the electrodes in a vacuum apparatus. Current densities varied from 140 to 400 A/mm². The contact region was heated by direct current to 220 °C and held for 15-20 minutes. Then the current was increased and the contact region heated to the test temperature. After the test, the sample was removed from the apparatus and

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Mobility of small tin additions ...

S/126/62/013/003/011/023
E021/E180

broken along the contact plane, and the distribution of activity in the cathode and anode halves was measured. In all the experiments the tin migrated to the anode. Therefore, the force causing the migration is due to electrons, and arises from the scattering of valency electrons of the activated tin ions, because of the destruction of the periodicity of the lattice potential by the tin ions. The effective charge of the activated tin ion in electron units was calculated from the results obtained at different temperatures. For tin in pure copper, the effective charges at 1075, 1109, 1174 and 1153 °C are 1.6, 1.8, 1.3 and 1.0. For tin in copper + 0.1 atomic % tin the charges at 1101, 1161, 1159 °C are 1.5, 1.3 and 1.1. For tin in silver + one atomic % tin the charges at 1205, 1115, 1076, 1181, 1073 and 997 °C are 1.1, 1.2, 1.3, 0.9, 1.3 and 1.5 respectively. There are 4 figures and 2 tables.

ASSOCIATION: Kiyevskiy gosuniversitet im. T.G. Shevchenko
(Kiev State University imeni T.G. Shevchenko)

Card 2/2

SUBMITTED: June 21, 1961

STARODUBTSEV, Viktor Sergeevich; ORUZBAYEV, A.U., otv. red.;
KOVAL'CHUK, V.V., red.; ANOKHINA, M.G., tekhn. red.

[Specialization and intensification of animal husbandry on
collective farms in Kirghizia] Spetsializatsiya i intensifi-
katsiya skotovodstva v kolkhozakh Kirgizii. Frunze, Izd-vo
Akad.nauk Kirgizskoi SSR, 1962. 77 p. (MIRA 16:3)
(Kirghizistan--Stock and stockbreeding)

VIDAVSKIY, L.M.; BYAKHOV, N.I.; KOVAL'CHUK, V.YU.; IPPOLITOVA, Ye.A.

Preparation of amorphous uranium trioxide by thermal decomposition
of uranium peroxide dihydrate. Vest. Mosk. un. Ser. 2: Khim. 19 no. 4:33-
34 Jl-Ag '64. (MIRA 18:8)

1. Katedra neorganicheskoy khimii Moskovskogo universiteta.

VIDAVSKIY, L.M.; KOVAL'CHUK, V. Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of oxidation with hydrogen peroxide of uranium (IV)
sulfate terahydrate and octahydrate. Zhur. neorg. khim. 9
no.6 fl439-1491 Je '63 (NIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
kafedra neorganicheskoy khimii.

VIDAVSKIY, L.M.; KOV/L'CHUK, V.Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of the reaction of amorphous uranium trioxide with
sulfuric acid. Vest. Mosk. un. Ser. 2: Khim. 19 no.5:65-68
S-0 '64. (MIRA 17:11)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

KOVAL'CHUK, Ye., inzh. (Oster, Chernigovskoy obl.)

The second paragraph. Izobr. i rats. no.10:31 '63. (MIRA 17:2)

KOVAL'CHUK, Ye. G.

Mass separator vessel with a separation device for pulp cookers.
Sprint. prom. 28 no. 8:33 '62. (MIRA 16:1)

(Separators(Machinery))

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8"

SOV/133-58-10-9/31

AUTHORS: Koval'chuk, Ye. I. and Popov, G.I.

TITLE: Service Life of Open-hearth Refractory Lining When Using Oxygen (Sluzhba futerovki martenovskikh pechey pri rabote na kislorode)

PERIODICAL: Stal', 1958, Nr 10, pp 890 - 893 (USSR)

ABSTRACT: The influence of the application of oxygen on the durability of chrome-magnesite roofs and other elements of open-hearth furnace lining is discussed on the basis of data collected on the Zaporozhstal' Works. It is pointed out that a direct comparison of the durability of various parts of the lining before oxygen was introduced with the present service life is impracticable as the design of the lining was different from the present one. The dependence of the roof life on the conditions of blowing oxygen into the bath and the dependence of the service life of various parts of furnace on the method of supplying oxygen are shown in Tables 1 and 2, respectively. It is concluded that in order to increase the life of furnaces operating with oxygen, the following changes should be made: a) the design of the roof should be changed so as to provide compensation for

Card 1/2

SOV/133-58-10-9/31

Service Life of Open-hearth Refractory Lining When Using Oxygen

linear expansion of magnesite-chromite bricks; b) silica lining of the roofs of slag pockets and to some extent of regenerators should be replaced by magnesite-chromite refractories; c) the walls of regenerators should be faced with chrome-magnesite bricks; d) the height of the under-regenerators' space should be increased and cleaning of regenerators during their service life should be improved; the quality of roof bricks should be improved by increasing their density, improving the constancy of their volume at 1700 °C and increasing the temperature of the beginning of deformation under load; e) improved maintenance of furnaces and, f) continuous improvement of installation for blowing into the bath.
There are 2 tables.

ASSOCIATION: Zavod "Zaporozhstal'" ("Zaporozhstal'" Works)

Card 2/2

ZIMA, V.Kh.; ZHUKOVA, P.I.; KOVAL'CHUK, Ye.I.

Improving the operating properties of stoppers for casting
steel from large-capacity ladles. Ogneupory 26 no.10:48C—
482 '61. (MIR 14:11)

1. Zaporozhskiy ogneupornyy zavod(for Zima, Zhukova). 2. Zavod
Zaporozhstal'" (for Koval'chuk).
(Refractory materials)
(Zaporozh'ye—Open-hearth furnaces—Equipment and supplies)

KOVAL'CHUK, Ye.I.

Service life of refractories in open-hearth furnace plants.

Metallurg & no.11:19-20 N. '63.

(MIRA 16:L2)

PIROGOV, A.A.; LEVE, Ye.N.; KRASS, Ya.R.; POPOV, G.I.; KOVAL'CHUK, Ye.I.

Unfired brick made of magnesite-chromite concrete for the building
of open-hearth furnaces. Ogneupory 29 no.2:55-59 '64. (MIRA 17:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for
Pirogov, Leve, Krass). 2. Zavod "Zaporozhstal'" (for Popov, Koval'chuk).

TSHIRLIN, B.M., inzh.; GONCHAROV, I.A., inzh.; KOVAL'CHUK, Ye.I., inzh.

Use of graphite-grg and graphite paddings and inserts for the
casting of killed steel. Stal' 22 no.4:315-316 Ap '62.
(MIRA 15:5)

1. Metallurgicheskly zavod "Zaporozhstal".
(Steel ingots) (Refractory materials)

BERMAN, Sh.M.; ZAN'SHINA, M.P.; SHAPOVALOV, V.S.; Prinimali uchastiye:
KOVAL'CHUK, Ye.I.; PLOSHENKO, Ye.A.; POPOV, G.I.; SHKAPIN, V.G.;
ANTONOV, G.I.; KOVTON, A.M.

Service conditions and processes of the wear of basic refractories
in the bulkheads of open-hearth furnace front walls. Sver.nauch.
trud. UNIIO no.5181-201 '61. (MIRA 15:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov
(for Antonov, Kovton).
(Open-hearth furnaces--Design and construction)
(Firebrick--Testing)

TSIGLER, V.D.; BULAKH, V.I.; KOVAL'CHUK, Ye.I.; LEVENTSOV, V.I.

Rammed lining of blast furnace nozzles and tuyeres. Stal'
25 no.12:1078 D '65. (MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov i
zavod "Zaporozhstal".

KOVAL'CHUK, Ye.S., master

Elimination of shortcomings in PLDG telemetering devices.
Energetik 12 no. 1;28-29 Mr '64. (MIRA 17:4)

KOVAL'CHUK, Yu.V.

Determination of the equivalent parameters of a multiterminal network using a multipolar network matrix. Izv. vys. ucheb. zav.; radiotekh. 6 no.5:573-574 S.O '63. (MIRA 18:1)

I. Rekomendovane kafedroy teoreticheskoy radiotekhniki i radioizmereniy I'govskogo politekhnicheskogo instituta.

KOVAL'CHUK-IVANYUK, Yu.V.

Temperature parameters of transistors and their use in calculations.

Radio-tehnika 20 no.5:44-52 My '65.

(MIRA 18:10)

SOV/58-59-7-16099

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 207 (USSR)

AUTHOR: Koval'chuk-Ivanyuk, Yu.V.

TITLE: Aspects of the Frequency Stability of RC Oscillators

PERIODICAL: Tr. Sektsii radiosvyazi, radioveshch. i televid. Ukr. resp. pravl. Nauchno-tekhn. o-va radiotekhn. i elektrosvyazi, 1957, Nr 1, pp 62 - 67

ABSTRACT: The author derives a general formula associating the relative frequency variation $d\omega/\omega$ of an RC oscillator with the relative variation of the parameters of its constituent elements dW_i/W_i (where i is the number of the element). He examines the particular case of the equality of the magnitudes of dW_i/W_i for all elements of the oscillator. A formula is derived for calculating $d\omega/\omega$ in the presence of variations in the transconductance of the oscillator tube. Similar calculations are made for an RC oscillator with an inertial nonlinear element in the feedback circuit.

L.N. Kaptsov

Card 1/1

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VELICHKO, Yu.T. [Velychko, Iu.T.], prof., doktor tekhn.nauk; SOBOLEVSKIY,
E.M. [Sobolev's'kyi, K.M.], kand.tekhn.nauk, starshiy nauchnyy
sotrudnik; K(VAL')CHUK-IVANJUK, Yu.V.; KARPENKO, V.P.; GURSKIY,
O.I. [Hurs'kyi, H.I.]; KOSINKO, M.Ye. [Kosenko, M.IU.];
GRINCHISHIN, D.G. [Hrynychishyn, D.H.], red.-leksikograf;
LABINOVA, N.N., red.; KADASHEVICH, O.O., tekhnred.

[Russian-Ukrainian dictionary of radio engineering] Rossiis'ko-
ukrains'kyi elektroradiotekhnichnyi slovnyk. 30 000 terminiv.
Ukladachchi: Iu.T.Velychko i dr. Kyiv, Vyd-vo Akad.nauk URSR,
1961. 534 p. (MIRA 14:4)

(Ukrainian language--Dictionaries)
(Russian language--Dictionaries--Ukrainian language)

25757.63

ACCESSION NR: AF5002041

S/0142/64/007/005/0617/0621

A JTHDR; Kovai'chuk-Yavuk; ID: V.

T1 TLE: Electronic circuit analysis by eliminating some nodes in component multipolar networks.

SCURRI: IVUZ. Radiotekhnika, v. 7, no. 5, 1964, 611-621

TOPIC IACS: electronic circuit, electronic circuit analysis

ABSTRACT: A method for simplifying the analytical calculation of complicated electronic circuits is suggested. Circuit components are replaced by their equivalent circuits in the conventional way, and an overall equivalent circuit is drawn. Complex multipole networks, which constitute the overall circuit, can be described by generalized parameters whose number may be lower than the number of parameters of the corresponding part of the circuit. This case represents the elimination of external nodes in complex networks. It is preferable

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L 277745	ACCESSION NR:	APP5002041	that this complex networks be functional, such as an amplifier, regulator, attenuator, transmitter, etc. Complete matrices are set up (formula 4), and the equivalent parameters of complex networks are found as ratios of the minors of m-n-th order (formula 5). ORIGIN: Art. basis figure and 9 formulas.	O
ASSOC. TION:	none			
SUBMITTED:	12 Nov 62		ENCL: 00	
SUB CG DE:	EC	NO. REF NOV: 007	OTHER: 000	
Card 2/2				

REF ID:	571765	SESSION NR.:	JP501405	DATE:	UR/0108/65/020/005/0044/0052	FILE NO.:	644-382	SEARCHED:	10
AUTHOR:	Avnil'cuk-Sivanuk	TYPE:	V.	FORMAT:		INDEXED:		SERIALIZED:	15
TITLE:	Transistor temperature parameters and their use in calculations	EDITION:		PAGES:		FILED:		FILE NUMBER:	
SOURCE:	Radiotekhnika, v. 20, no. 5, 1965, 44-2	TRANSLATOR:		TRANSLATION NUMBER:		REF ID:		REF ID:	
TOPIC:	AG3 transistor, transistor parameter, temperature effect	TRANSLATOR SIGNATURE:		TRANSLATION DATE:		REF ID:		REF ID:	
ABSTRACT:	Connected with conventional g, r, h transistor parameters, new "temperature parameters" are introduced by the author. e.g., I_{tr}^o and I_{cr}^o are the increments of the base and collector currents, respectively, caused by a temperature variation of one degree Centigrade. These temperature parameters are developed for all three different parameter systems (g, r, h), and conversions from one parameter system to another are indicated. Experiments have shown that the above base- and collector-current increments may reach 0.74 mA and 0.1 mA per degree C in a P13A transistor with normal	TRANSLATOR SIGNATURE:		TRANSLATION DATE:		REF ID:		REF ID:	
CONTINUATION:	1/2	TRANSLATOR SIGNATURE:		TRANSLATION DATE:		REF ID:		REF ID:	

J-371	65						
ACCESSION NR.	A-50-405						
(183) b proportion ture be 33 form	e and collector current al relation was observed up to the point where the transistor tempera- rise due to its and 2 tables.						
ASSOCIATION:	none						
SUBMIT ID:	14S-563		ENCL: 00		SUB CODE: EC		
NO RE:	SOI: 008		OTHER: 003				
CONF:	22						

KOVAL'CHUCHENKO, N.A.

Rare mechanism of a gunshot wound. Sud.-med. ekspert. 7 no.4?
46-47 O-D '64 (MIRA 18:1)

KOVALCIK, V.

On the analgesic effect of vitamin K in indirect anticoagulation.
Cesk.fysiol. 9 no.3:292-293 My '60.

1. Farmakologicky ustav Lek. fak. UK, Bratislava.
(VITAMIN K pharmacol)

HRDINA, P.; KOVALCIK

On the effect of barbiturates on the activity of indirect anticoagulants.
Bratislav. Lek. Listy 2 no.12:697-701 '61.

1. Z Katedry experimentalnej patologie a farmakologie Lek. fak. Univ.
Komenskeho v Bratislave, reduci doc. MUDr. E. Barta, C. Sc.

(BARBITURATES pharmacol)
(ANTICOAGULANTS pharmacol)

HRNCIAL, Pavel; promovany chemik, C.Sc. (Bratislava, Smeralova 2);
KOVALCIK, Vladimir, MUDr. (Bratislava, Sasinkova 2)

On phthalides and indandiones-(1,3). Part II: 2-(halogenphenyl)-indandiones-(1,3), their preparation and anticoagulation effect.
Chem zvesti 16 no.3:200-205 Mr '62.

1. Katedra anorganickej chemie a biochemie Prirodovedeckej fakulty Univerzity Komenskeho, Bratislava (for Hrnclar).
2. Katedra experimentalnej patologie a farmakologie Lekarskej fakulty Univerzity Komenskeho, Bratislava (for Kovalcik).

KOVALCICK, V.

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104

-8-

2. Hannibal is one of the most important figures in American history. He was a general who led the Carthaginian army to victory over the Roman Empire.

3. John Brown was a abolitionist who led a raid on the federal armory at Harpers Ferry, Virginia, in 1859.

4. Edgar Allan Poe was a poet, author, and editor who wrote many famous works of literature, including "The Raven" and "The Fall of the House of Usher".

5. Stephen A. Douglas was a senator from Illinois who supported the Compromises of 1850 and 1857, which allowed for the expansion of slavery into new territories.

6. Frederick Douglass was a former slave who became a prominent abolitionist and speaker, writing the book "Narrative of the Life of Frederick Douglass".

7. William Tecumseh Sherman was a general who led the March to the Sea during the Civil War.

8. Ulysses S. Grant was a general who led the Union forces to victory in the Civil War.

9. Abraham Lincoln was the 16th President of the United States, serving from 1861 to 1865.

10. Woodrow Wilson was the 28th President of the United States, serving from 1913 to 1921.

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PEGHAN, J.; JANOTKA, M.; KOVALCIK, V.

Contribution to the study of blood coagulation in thyrotoxicosis. Bratislav. lek. listy 43 Pt. 1 no. 9:523-529 '63.

1. Katedra nemocnickej internej mediciny Lek. fak. Univ.
Komenskeho v Bratislave, veduci prof. MUDr. M. Ondrejicka,
Katedra experimentalej patologie a farmakologie Lek. fak.
Univ. Komenskeho v Bratislave, veduci doc. MUDr. E. Barta, C. Sc.
(HYPERTHYROIDISM) (THYROXIN)
(PROTHROMBIN TIME) (RABBITS)

CZECHOSLOVAKIA

PECHAN, J; JANOTKA, M; KOVALCIK, V.

1. Chair of Hospital Internal Medicine of the Medical Faculty of Komensky University (Katedra nemocnicnej internej mediciny Lek. fak. Univ. Komenskeho), Bratislava; 2. Chair of Experimental Pathology and Pharmacology of the Medical Faculty of Komensky University (Katedra experimentalnej patologie a farmakologie Lek. fak. Univ. Komenskeho), Bratislava (for all)

Bratislava, Izratišlavské lekarske listy, No 9, 1963, pp 523-528

"Contribution to the Study of Blood Coagulation in Thyro-toxicosis."

Czech references include thesis, 7 Western references.

I. POPOVIC and V. KOVALCIK, Chair of Experimental Pathology and Pharmacology of Comenius University (Katedra experimentalnej patologie a farmakologie Lekarskej fakulty Univerzity Komenskeho) Head (prednosta) Docent Dr E. BARTA, CSc; Bratislava.

"Suitability of the 'Phenylquinone Syndrome' as Analgetic Screening Test."

Prague, Casopis Lekaru Českych, Vol 102, No 19, 10 May 63; pp 520-527.

Abstract [English summary modified]: Comprehensive study of effect of 39 drugs by phenylquinone-writhing test for analgesia: sedatives, tranquilizers, autonomic drugs, anticonvulsants, vitamin B₁₂, etc. The conclusion is that method is sensitive but not specific for analgesia; all analgesic drugs would show positive in it, but many other drugs or substances also; hence it is worthwhile. Three tables, 7 graphs; 30 references: 20 Western, 5 Czech (incl. thesis), 4 Hungarian, 1 Soviet.

PIECHAN, J.; JANOTKA, M.; HROMEC, A.; KOVALCIK, V.

Effect of experimental thyrotoxicosis on blood coagulation.
Bratisl. lek. listy 1 no.12:705-710 '64

1. Katedra nemocničnej internej I. Lek. fak. Univerzity Komenskeho v Bratislavе (veduci: prof. M. Chdrajicka); Katedra experimentalnej patologie a farmakologie Lek. fak. Univerzity Komenskeho v Bratislavе (veduci: doc. MUDr. E. Barta, C.Sc.)

L 13246-66	SOURCE CODE: CZ/0053/65/014/004/0295/0295 J33
ACC NR: AP600604	
AUTHOR: Hrdina, P.; Kovalik, V.	
ORG: Department of Pharmacology, Medical Faculty, Comenius University, Bratislava (Katedra farmakologie Lek. fak. UK)	
TITLE: Role of adrenotropic substances in changes in the effectiveness of indirect anticoagulants [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]	
SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 295	
TOPIC TAGS: pharmacology, drug effect, nervous system drug, coagulation, blood	
ABSTRACT: The effect of various drugs on ethyl dicoumarol acetate-reserpine, guanethidine, bretylium, alpha- and beta-adrenergic drugs and methyldopa. Diphasic effect of reserpine depended on duration of premedication with the latter; noradrenaline inhibited it. The hypoprothrombinemic effect of ethyl dicoumarol acetate increased when sympathicolysis was produced first. [JPRS]	
SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001	
Card 1/1	2

L 13240-66

ACC NR: AP6006050

AUTHOR: Kovalcik, V.; Smyk, L.

ORG: Department of Pharmacology
(Katedra farmakologie lek. fak.)

TITLE: Mechanism of effect of angiotensin on the smooth vascular muscles [This paper was presented during the]

SOURCE CODE: CZ/0053/65/014/004/0297/0298

Blaskova, I.

Medical Faculty, Comenius University, Bratislava
(JK)

20B

Wolfti Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiology

le, v. 14, no. 4, 1965, 297-298

TOPIC TAGS: experiment animal, myology, calcium, tissue physiology, pharmacology, drug effects

myology, calcium, tissue physiology, pharmacology, drug effects

ABSTRACT: Study involving perfusion with angiotensin of renal artery of rabbit indicates that angiotensin probably increases the permeability of the tissue to calcium ions as previously shown for norepinephrine. [JPRS]

Study involving perfusion with angiotensin of renal artery of rabbit indicates that angiotensin probably increases the permeability of the tissue to calcium ions as previously shown for norepinephrine. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 002

Cord 1/1

1 13219-66 ACT. NO. AP6006075	SOURCE CODE: CZ/0053/65/014/004/C319/0309
AUTHOR: Popovic, I.; Blaskova, I.; Kovalcik, V.	Medical Faculty, University of Comenius, Bratislava (Katedra farmakologie Lekarskej fakulty UK)
ORG: Department of Pharmacology (Katedra farmakologie Lekarskej fakulty UK)	TITLE: Effect of some polypeptides on the smooth muscle of isolated large vessels [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]
SOURCE: Ceskoslovenska fysiology, v. 14, no. 4, 1965, 309	TOPIC TAGS: pharmacology, drug effect, cardiovascular system, myology, amino acid
ABSTRACT: Study of the interaction of angiotensin, bradykinin and eleodoizin in strips, with or without norepinephrine, dibenazine, methalid and reserpine. [JPRS]	SUB CODE: 05 / SUBM DATE: none / OTH REF: 001
Card 1/1	2

L 13211-66

ACC NR: AP6006077

SOURCE CODE: CZ/0053/65/014/004/0310/0310

AUTHOR: Rusnáková, M.; Rusnák, J.; Kovalčík, V.

ORG: Department of Pharmacology, Medical Faculty, Comenius University, Bratislava

TITLE: Effect of some synthetic polypeptides on the isolated atrium [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Československá fyziologie, v. 14, no. 4, 1965, 310

TOPIC TAGS: rabbit, rat, cardiovascular system, pharmacology, drug effect, amino acid

ABSTRACT: Study of perfused spontaneously beating rabbit and rat atria revealed that angiotensin 10^{-5} M has positive inotropic without negative chronotropic effects; tachyphylaxis develops. Bradykinin and eledoizin 2×10^{-8} had no effect on the contractile force or frequency. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001

Card 1/1

L 19222-66

ACC NR: AP6006078

SOURCE CODE: CZ/0053/65/014/004/0310/0311

AUTHOR: Sec, M.; Hazik, A.; Kováčik, V.ORG: Department of Pharmacology, Medical Faculty, Comenius University, Bratislava
(Katedra farmakologie Lek. fak. JK)

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B

TITLE: Contraction of actomyosine extracted from muscle of reserpinized animals
[This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Československá fyziologie, v. 14, no. 4, 1965, 310-311

TOPIC TAGS: myology, rabbit, tranquilizer, drug effect, pharmacology, organic phosphorus compound, heterocyclic base compound, protein

ABSTRACT: Study of reserpinization of ATP-induced contraction of actomyosine fibres and adenosine triphosphatase activity of actomyosine from myocardium and gastric smooth muscle of rabbits revealed slight although statistically significant difference from non-reserpinized controls. [JPRS]

SUB CODE: 06 / SUEM DATE: none / OTH REF: 004

Card 1/1

2

13236-66 Acc No: A18006104	AUTHOR: Zabojnikova, M.; Kováčik, V.	SOURCE CODE: CZ/0053/65/014/004/0321/0322
ORG: Department of Pharmacology, Faculty of Medicine, Comenius University, Bratislava (Katedra farmakologie, Lek. fak. UK)	24 B	
TITLE: Role of catecholamines in analgesic effect [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]		
SOURCE: Ceskoslovenska fyziologie, v. 14, no. 4, 1965, 321-322		
TOPIC TAGS: pharmacology, drug effect, nervous system drug, tranquilizer, alkaloid, benzene, amine		
ABSTRACT: Norepinephrine or serotonin injected intravenously disrupted the inhibitory effect of reserpine on morphine analgesia in 2 tests; guanethidine had only slight effect; methadone significant effect, while α -methyldopa significantly increased the analgesic effect of morphine, depending on the dose route and time of administration. [JPRS]		
SUB CODE: 06 / SUEM DATE: none		
Card 1/1	jrn	

Submitted at "16 Days of Physiology" at Košice, 27 Sep 65.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825520001-8"

1/1

CZECHOSLOVAKIA

ZABOJNIKOVA, M., KOVALCIK, V.; Chair of Pharmacology, Medical Faculty, Comenius University (Katedra Farmakologie Lek. Fak. UK) Bratislava.

"The Mechanism of the Antagonistic Effect of Reserpine on Analgesics."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 131-132

Abstract: The study of the inhibition of the effect of morphine was made using mice. Corticotrophin, Decorton and Dexamethazon did not inhibit the effect of morphine. Metopiron inhibited the effect for 3 days after administration. Hypertensin administered simultaneously with Metopiron increased its effect. 1 Figure, 1 Western, 1 Czech reference. Submitted at "13 Days of Pharmacology" at Hradec Kralove, 3 Sep 65.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8

KOVALCSIK, Jozsef

"Workers' academies" at the beginning of the century. Elet tud 13
no.46:1443-1447 17 N '63.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8"

KOVALCSIK, Jozsef

"Workers' Academy" at the beginning of the century. Elet tud
18 no.46:1443-1447 17 N '63.

USSR/Cultivated Plants - Fruits. Berries.

L-6

Abs Jour : Ref Zhur Biol 1956, 25 CIA-RDP86-00513R000825520001-8"
APPROVED FOR RELEASE: 06/14/2000, 25 CIA-RDP86-00513R000825520001-8"
Author : Kovale N.V., Glushchenko, K.S., Tupitsin, D.I.
Inst :
Title : Summer Stoppage of Growth of Fruit Trees.
Orig Pub : Dokl. AN UzSSR, 1956, No 4, 45-49

Abst : Experiments were conducted in the Shreder fruit-berry institute (Uzbek SSR) on the effect of agrotechnique in periods of shoot growth. The experiments were conducted on a Baly (white) maliv apple tree for 8 years. The effect of different systems of fertilization and irrigation were studied. It was established that neither the agrotechnique nor the length of daylight, nor air or soil temperatures were the causes of growth stoppage. The basic reason for growth stoppage in irrigation environments of optimal humidity was the abundant growth of leafy surface (at the end of May). In normally irrigated orchards the

Card 1/2

USSR/Cultivated Plants .. Fruits. Berries.

Abs Jour : Ref Zhur - Biol

L-6

KOVALEK, N. N. and others

Novye turbiny Dneprovskoy gidroelektrostantsii imeni. vol. 1. Lenina
(New turbines at the Lenin hydro-electric power station on the Dnieper)
Leningrad: Gosudarstvennoe Nauchno-Tekhnicheskoe Izdat. Mash. Lit-ry,
1951. 128 pp. illus.

LXIV

KOVALEM, T.A.

Sel'skoye Khozyaystvo SSSR (Red. vyp. K.P. Obolenskiy (1) T.A. Kovalev)
Moskva, Sel'khozgiz, 1958.
583 p. fold. map, diagrs., graphs, tables.
28 cm.

KOVALENCHIK, N.

Innovators of an artel are speaking. Prom.koop. 13 no.5:15-16
(MIR 12:9)

My '59.

I. Zaveduyushchiy Masterskoy No.9 Gor'kovskoy arteli "Metbytremont".
(Inventions, Employees)

1. KOVALENCOV V., GRAUDINS K., VORONTSOV M.V.
2. USSR (600)
4. Telecommunication
7. Innovators in communication work in the Latvian SSR, Latv.PSR Zin. Akad
Vestis no.9, 1951.
9. Monthly List of Russian Acquisitions, Library of Congress, April 1953, unclass.

KOVALENKO A

KAREVIN, I.; KOVALENKO, A.

Conveyer for removing silage from trenches. Tekhsov. TMS 18
no.20:10-12 '57. (MIRA 10:10)
(Conveying machinery)

KOVALENKO, A.; BUZHKEVICH, M.

As an entire sector. Rabotnitsa 37 no.2:6-8 F '59. (MIRA 12:3)

1. Motornyy zavod, g. Yaroslavl'.
(Yaroslavl--Women--Employment)

KOVALENKO, A.

"Molotka" tunnel kiln. Stroi. mat. 2 no.11:28-29 N '56.
(MIRA 10:2)

1. Nachal'nik oblastnogo upravleniya stroitel'nykh materialov,
Ul'yannovsk.
(Kilns)

KOVALENKO, A.

The "Malivtak" tunnel kiln. Sel' stroi. 13 no. 8:13-14 Ag '58.
(MIRA 11:9)

I.Nachal'nik Ul'yanovskogo oblastnogo upravleniya promyshlennosti
stroitel'nykh materialov.
(Kilns)

KOVALENKO, A., red.; ZEN'IC, M., tekhn. red.

[Effective measures for increasing the yield of field crops] Effektivnye priemy povysheniia urozhainosti sel'skokhoziaistvennykh kul'tur. Minsk, Sel'khozgiz BSSR, 1962. 116 p.
(MIRA 16:6)

l. Gorki (Mogilevskaya oblast') Belaruskaya akademiya sel'skove haspadarki.

(Field crops—Fertilizers and manures)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8

KOVALENKO, Alla

Height. Rabotnitsa 36 no. 6:12 Je '58.
(Electric welding)

(MIRA 11:8)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825520001-8"

KOVALENKO, A.A.

Mechanized cleaning of floors after the plastering has been completed.
Rats. i izobr. prisl. v stroi. no.7:52-53 '58. (MIRA 11:12)

1. Trest Stalingraimetalurgstroy.
(Floors--Cleaning)

KOVALENKO, A. A.

"Methods for Reinforcing the Fodder Base on Kolkhozes and Sovkhozes in Hillsides Farming Areas of the Stalingrad Left Bank Region." Cand Agr Sci, All-Union Sci-Res Inst of Fodders, Moscow, 1953. (RZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

9.1400

83431

S/188/60/000/001/006/010
B019/B056

AUTHORS:

Karasev, M. D., Kovalenko, A. A., Sludskiy, V. N.

TITLE:

A New Lecture-demonstration of the Propagation of Electro-
magnetic Waves Along a Line

PERIODICAL:

Vestnik Moskovskogo universiteta. Seriya 3, fizika,
astronomiya, 1960, No. 1, pp. 66 - 69

TEXT: The system described in the present paper is shown in Fig. 1. It consists of a high-frequency generator, whose energy is fed into a copper wire by means of a coaxial cable and a tuned cone. The energy propagates in the conductor as a symmetric surface wave with a field structure that is equal to that in the coaxial cable, and is shown in Fig. 2. The H_y -component of the magnetic field is determined by means of a frame antenna with a detector and a galvanometer. The following may be demonstrated by means of this device: The equivalence of the displacement currents and the conduction current, the field structure can be better demonstrated than by means of a Lecher system, and the scattering of

Card 1/2

83431

A New Lecture-demonstration of the Propagation
of Electromagnetic Waves Along a Line S/188/60/000/001/006/010
B019/B056

waves on conductor inhomogeneities may be studied. In the course of
demonstrations made at the fizicheskiy fakul'tet MGU (Department of
Physics of Moscow State University) a wavelength of 10 cm and a power
of 2 w were used. There are 3 figures and 3 references: 2 Soviet and
1 US.

ASSOCIATION: Kafedra teorii kolebaniy (Chair of the Theory of
Oscillations)

SUBMITTED: September 12, 1959

X

Card 2/2

KOVALENKO, A.A., inzh.

Stability of circular saws in cutting particle boards. Der.
prom. 9 no.2:17-18 F '60. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy
obrabotki drevesiny.
(Hardboard) (Saws)

NOVOZHILOV, M.G., prof.; TARTAKOVSKIY, B.N., kand.tekhn.nauk; KOVALENKO,
A.A., inzh.; BARSUKOV, M.I., inzh.

Basic parameters of working trenches in constructing open pits with
continuously operating machines. Izv. vys. ucheb. zav.; gor. zhur.
5 no.10:18-26 '62. (MIRA 15:11)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artyoma. Rekomendovana kafedroy otkrytykh rabot.
(Nikopol' region--Strip mining)

TARTAKOWSKIY, B.N.; KOVALENKO, A.A.; BARSUKOV, M.I.; VARSHAVSKIY, A.M.

Improving mining technology using a transporter system
of mining with continuous machine units. Izv. AN Kir. SSR.
Ser. est. i tekhn. nauk 5 no.1:51-61 '63. (MIRA 16 :11)

TARTAKOVSKIY, B.N., kand. tekhn. nauk; KOVALENKO, A.A., inzh.;
BARSUKOV, M.I., inzh.

Determination of the parameters of working trenches for open
pits in the Nikopol' manganese deposit. Shakht. stroi. 7 no.6:
15-17 Je '63. (MIRA 16:7)

1. AN UkrSSR,
(Nikopol' region—Strip mining)

KOVALENKO, P.P., inzh. (Zaporozh'ye); RENGEVICH, G.P., inzh. (Zaporozh'ye);
TOMSKAYA, R.I., inzh. (Zaporozh'ye)

Automatic control unit for correlating the expenditure of natural gas
and air in the TP-1'0-1 boiler. Energetik. 13 no.7:8-9 Jl '65.
(MIRA 18:8)

ZORIN, Ivan Gerasimovich; KOVALENKO, Anatoliy Dmitriyevich; MIKHALEVICH,
Aleksandr Vladimirovich; DOBROVOL'SKIY, A.M., red.; YEROSHENKO,
T.G., tekhn.red.

[Iaroslav Chyzh, innovator in swine raising] Iaroslav Chyzh -
novator svinovodstva. Kiev, Gos.izd-vo sel'khoz.lit-ry, 1960.
34 p.

(MIRA 13:12)

(Zolochiv District--Swine)

KOVALENKO, A.D.

KOVALENKO, A.D.

Use of a chemo:therapeutic and antiseptic mixture in scarlet fever.
Zhur.mikrobiol.epid. i immun., supplement for 1956:26-27 '57

(MIRA 11:3)

1. Iz Denprospektrovskogo instituta epidemiologii, mikrobiologii i
gigiyeny.
(SCARLET FEVER) (PHARMACOLOGY)

17(2,12)

SOV/16-59-6-25/46

AUTHORS: Chernomordik, A.B., Kobeleva, P.S., Ponomareva, V.G., and Kovalenko, A.D.

TITLE: The Combined Action of Antibiotics. Author's Summary.

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959,⁵⁰ Nr 6,
pp 118-119 (USSR)

AUTHOR: Tests were run to study the combined action of antibiotics and also of antibiotics in various salts on microbes, particularly on the development of their resistance to antibiotics. In the first test it was found that magnesium sulfide and magnesium chloride accelerated the appearance of microbial variants resistant to streptomycin by as much as 2-3 times, whereas small amounts of cobalt sulfide or cobalt chloride had the reverse effect. It was further found that this action is inherent in the magnesium and cobalt ions and not in the SO₄ or Cl groups. Moreover, these substances had no effect on the rate of appearance of strains resistant to synthomycin. The second series of tests investigated the effects of combinations of any two antibiotics on *Pseudomonas aeruginosa*, pathogenic *Escherichia coli* strains, *Shigella flexneri* and *Proteus*. The antibiotics used were: streptomycin, polymixin, colimycin, terramycin, synthomycin, ecmoline and penicillin. The tests showed that a trace of polymixin in a subbacterio-

Card 1/2

CHERNOMORDIK, A.B.; KOVALENKO, A.D.; SMIRNOVA, T.V.; PONOMAREVA, V.G.;
MALYAR, O.Kh.; VINOGRADOVA, V.M.

Sensitivity of *Proteus* to some antibiotic and nitrofuran preparation.
Antibiotiki. 5 no.1:81-83 Ja-F '60. (MIRA 13:7)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut epidemiologii,
mikrobiologii i gигиены imeni N.F. Gamalei.
(PROTEUS) (ANTIBIOTICS) (FURAN)

KOVALENKO, A.D.; IZFALIM'KIY, A.S.; CHERNOGORODIK, A.B.

Sensitivity of pathogenic Escherichia coli to some antibiotics.
Vop. okh. mat. i det. 5 no. 2:26-28 Mr-Ap '60. (MIRA 13:10)

1. Iz Dnepropetrovskogo instituta epidemiologii i mikrobiologii.
(ESCHERICHIA COLI) (ANTIBIOTICS)

CHERNOMORDIK, A.B.; KOVALENKO, A.D.; PONOMAREVA, V.G.; KOBELEVA, P.Ye.

Comparative study of the effect of certain antimicrobial preparations
on pathogenic bacteria. Antibiotiki 5 no.4:96-97 J1-Ag '60.
(MIRA 13:9)

1. Dnepropetrovskiy institut epidemiologii i mikrobiologii.
(ANTIBIOTICS) (FURAN)
(BACTERIA, EFFECT OF DRUGS ON)

CHERNOMORDIK, A.B.; KOVALENKO, A.D.; PONOMAREVA, V.G.; KOBELEVA, P.S.

Antibiotic-resistant coli bacteria in the prevention of intestinal dysbacteriosis. Zhur. mikrobiol. epid. i immun. 31 no.7:73-76
Jl '60. (MIRA 13:9)

1. Iz Dnepropetrovskogo instituta epidemiologii i mikrobiologii.
(*ESCHERICHIA COLI*) (INTESTINES—MICROBIOLOGY)
(ANTIBIOTICS)

KOVALENKO, A.D.

Development of drug resistance in colainteritis pathogens in in vitro experiments. Antibiotiki 6 no.9:82-85 S '61. (MIRA 15#2)

1. Mikrobiologicheskaya laboratoriya (zaveduyushchiy A.B.Chernomordik)
Dnepropetrovskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i giziayeny.
(*ESCHERICHIA COLI*) (ANTIBIOTICS)

KOVALENKO, A.D.

Cross resistance of colienteritis pathogens to some antibiotics.
Antibiotiki 7 no.5: 71-472 My '62. (MIRA 15:4)

1. Mikrobiologicheskaya laboratoriya Dnepropetrovskogo instituta
epidemiologii, mikrobiologii i gigiyeny.
(ESCHERICHIA COLI) (ANTIBIOTICS)

CHERNOMORDIK, A.B.; KOVALENKO, A.D.; ANDREYENKO, M.M.

Sensitivity of *Salmonella* to some antibiotics and nitrofuran preparations. Antibiotiki 6 no.8:735-738 Ag '61. (MIRA 15:6)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut
epidemiologii, mikrobiologii i gigiyeny.
(SALMONELLA) (ANTIBIOTICS) (FURAN)

KOVALENKO, A.D.; CHERNOMORDIK, A.B.

Effect of some antimicrobial preparations on the development
of colimycin resistance in colienteriti pathogens. Antibiotiki
6 no.11:1021-1025 N '61. (MIRA 15:3)

1. Mikrobiologicheskaya laboratoriya Dnepropetrovskogo instituta
epidemiologii, mikrobiologii i gigiyeny.
(ESCHERICHIA COLI) (ANTIBIOTICS)

CHEBANOMORDIK, A.B.; KOVALENKO, A.D.

Antimicrobial activity of nitrofuran preparations: furazolidone,
furadonin and furacillin. Sov. med. 25 no.7:138-140 Jl '61.

(MIRA 15:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i
gigiyery.

(FURAN)